

DAFTAR PUSTAKA

- Aldrich, F. K., & Parkin, A. J. (1989). Listening at Speed. *British Journal of Visual Impairment*, 7 (1), 16–18.
- Arikunto, S. (2007). *Prosedur Penelitian: Suatu Pendekatan Praktik*. Jakarta: Rineka Aksara.
- Arter, C. (1997). Listening Skills. In H. Mason, & S. McCall, *Visual impairment: Access to education for children and young people* (pp. 143–148). London: Fulton.
- Balan, O., Moldoveanu, A., & Moldoveanu, F. (2015). Navigational Audio Games: an Effective Approach Toward Improving Spatial Contextual Learning for Blind People. *International Journal on Disability and Human Development*, 14(2), 109-118.
- Barlow, J. M., Bentzen, B. L., & Bond, T. (2005). Blind Pedestrians and the Changing Technology and Geometry of Signalized Intersections: Safety, Orientation, and Independence. *Journal of visual impairment & blindness*, 99 (10).
- Barraga, N. C., & Erin, J. N. (2001). *Visual Impairments and Learning (4th ed)*. Austin: Exceptional Resources.
- Bestaven, E., Guillaud, E., & Jean-Rene' Cazalets. (2012). "Is "Circling" Behavior in Humans Related to Postural Asymmetry?". *PloS one*, 7 (9).
- Billi, M., Burzagli, L., Catarci, T., Santucci, G., Bertini, E., Gabbanini, F., & Palchetti, E. (2010). A Unified Methodology for the Evaluation of Accessibility and Usability of Mobile Applications. *Universal Access in the Information Society*, 9(4), 337-356.
- Boyadjiana, A. ..., Marina, L., & Danion, F. (1999). Veering in Human Locomotion: The Role of the Effectors. *Neuroscience letters*, 265(1), 21-24.
- Buckley, R., & Caple, J. (2009). *The Theory & Practice of Training 6th Edition*. London & Philadelphia: Kogan Page.

- Chen, D., & Downing, J. E. (2006). *Tactile Learning Strategies: Interacting with Children Who Have Visual Impairments and Multiple Disabilities*. New York: AFB Press.
- Corn, A. L., & Erin, J. N. (2000). *Foundations of Low Vision: Clinical and Functional Perspectives (2nd ed.)*. New York: AFB Press.
- Creswell, J. W. (2017). *Research Design: Pendekatan Metode Kualitatif, Kuantitatif, dan Campuran. Edisi 4*. Yogyakarta: Pustaka Pelajar.
- Csapó, Á., Wersényi, G., Nagy, H., & Stockman, T. (2015). A Survey of Assistive Technologies and Applications for Blind Users on Mobile Platforms: a Review and Foundation for Research. *J Multimodal User Interfaces*, 9:275–286 .
- D'Atri, E., Medaglia, C. M., Panizzi, E., & D'Atri, A. (2007). A System to Aid Blind People in the Mobility: A Usability Test and its Results. *Second International Conference on Systems*, 35-35.
- Direktorat, Jendral, Pelayanan, dan, Rehabilitasi, & Sosial. (2002). *Panduan Orientasi dan Mobilitas Panti Sosial Penyandang Cacat Netra*. Jakarta: Departemen Sosial RI.
- Emzir. (2011). *Metodologi Penelitian Kualitatif Analisis Data*. Jakarta: Rajawali Pers.
- Fauzi, I. (2011). *Mengelola Pengelolaan Pelatihan Partisipatif*. Bandung: Penerbit Alfabeta.
- Ferrell, K. A., & Spungin, S. J. (2011). *Reach Out and Teach: Helping Your Child Who is Visually Impaired Learn and Grow* . New York: American Federation for the Blind.
- Gaunet, F., & Briffault, X. (2005). Exploring the functional specifications of a localized wayfinding verbal aid for blind pedestrians: simple and structured urban areas. *Human-Computer Interaction*, 20(3), 267-314.
- Gilbert, C., & Foster, A. (2001). Childhood Blindness in the Context of VISION 2020: the Right to Sight. *Bulletin of the World Health Organization*, 79 (3), 227-232.

- Guerreiro, T. W. (2010). Assessing Individual Differences in the Blind. *In Proceedings of the 12th International Conference on Human Computer Interaction with Mobile Devices and Services*, 485.
- Gulo, W. (2003). *Metodologi Penelitian*. Jakarta: Grasindo.
- Guth, D. (2007). Why does training reduce blind pedestrians veering. *Blindness and brain plasticity in navigation and object perception*. 353-365.
- Guth, D., & LaDuke, R. (1994). The Veering Tendency of Blind Pedestrians: An Analysis of the Problem and Literature Review. *Journal of Visual Impairment and Blindness*, 88, 391-391.
- Hakobyan, L., Lumsden, J., O'Sullivan, D., & Bartlett, H. (2013). Mobile Assistive Technologies for the Visually Impaired. *Survey of ophthalmology*, 58(6), 513-528.
- Hallahan, D. P., & Kauffman, J. M. (2006). *Exceptional Learners: Introduction to Special Education. 10th Edition*. New York: Pearson.
- Hariandja, M. T. (2002). *Manajemen Sumber Daya Manusia: Pengadaan, Peningkatan, Pengkompensasian, dan Peningkatan Produktivitas Pegawai*. Jakarta: Grasindo.
- Heller, M. A., & Ballesteros, S. (2006). *Touch and Blindness: Psychology and Neuroscience*. London: Lawrence Erlbaum Associates.
- Hersh, M. A., & Johnson, M. A. (2007). Disability and Assistive Technology Systems. *Assistive Technology for Visually Impaired and Blind People*, 127-208.
- Heward, W. L. (2012). *Exceptional Children : An Introduction to Special Education. 10th Edition*. United States: Pearson.
- Hill, E., & Ponder, P. (1976). *Orientation and mobility techniques: A guide for the practitioner*. New York: Amer Foundation for the Blind.
- Holbrook, M. C. (2006). *What Is Visual Impairment?* New York: Woodbine House.

- Holbrook, M. C., & Koenig, A. J. (2000). *Foundation of Education: Volume I History and Theory of Teaching Children and Youths with Visual Impairment. 2nd Edition.* . New York: AFB Press.
- Holland, S., Morse, D. R., & Gedenryd, H. (2002). AudioGPS: Spatial Audio Navigation with a Minimal Attention Interface. *Personal and Ubiquitous Computing*, 6(4), 253-259.
- Hosni, I. (1996). *Bahan Ajar Orientasi dan Mobilitas*. Bandung: Jurusan Pendidikan Luar Biasa, Universitas Pendidikan Indonesia.
- Hoyle, B. S. (2003). The Batcane–Mobility Aid for the Vision Impaired and the Blind. *IEE Symposium on Assistive Technology*, 18-22.
- Hunt, N., & Marshall, K. (2012). *Exceptional Children and Youth. 5th Edition*. USA: Wadsworth.
- Imadu, A., Kawai, T., Takada, Y., & Tajiri, T. (2011). Walking Guide Interface Mechanism and Navigation System for the Visually Impaired. *In Human System Interactions (HSI), 4th International Conference on IEEE.*, 34-39.
- Inman, D. P., Loge, K., & Cram, A. (2000). Teaching Orientation and Mobility Skills to Blind Children Using Computer Generated 3-D Sound Environments. *Georgia Institute of Technology*.
- Kärcher, S. M., Fenzlaff, S., Hartmann, D., Nagel, S. K., & König, P. (2012). Sensory Augmentation for the Blind. *Frontiers in human neuroscience*, 6, 37.
- Kauffman, J. M., & Hallahan, D. P. (2011). Handbook of Special Education. In G. J. Zimmerman, & K. T. Zebehazy, *Blindness and Low Vision* (pp. 247-261). New York: Routledge.
- Kim, D. S., Emerson, R. W., Naghshineh, K., Pliskow, J., & Myers, K. (2012). Impact of Adding Artificially Generated Alert Sound to Hybrid Electric Vehicles on Their Detectability by pedestrians Who are Blind. *Journal of Rehabilitation Research and Development*, 49(3), 381.
- Kingsley, M. (1999). *Visual Impairment: Acces to Education for Children and Young People*. London: David Fulton Publishers.

- Kirk, S., Gallagher, J. J., Coleman, M. R., & Anastasiow, N. (2009). *Educating Exceptional Children. 12th Edition*. New York: Houghton Miffl in Harcourt Publishing Company.
- Lahav, O., & Mioduser, D. (2000). Multisensory Virtual Environment for Supporting Blind Persons' Acquisition of Spatial Cognitive Mapping, Orientation, and Mobility Skills. *In Proceedings of the Third International Conference on Disability, Virtual Reality and Associated Technologies*, 213-220.
- Lahav, O., Schloerb, D. W., & Srinivasan, M. A. (2012). Newly Blind Persons Using Virtual Environment System in a Traditional Orientation and Mobility Rehabilitation Program: a Case Study. *Disability and Rehabilitation: Assistive Technology*, 420-435.
- Lewis, S., & Tolla, J. (2003). Creating and Using Tactile Experience Books for Young Children with Visual Impairments. *Teaching Exceptional Children*, 35 (3), 22-28.
- Liu X, D. D. (2010). Mobile visual aid tools for users with visual impairments. In M. M. Processing, Jiang X, Ma M, Chen C (p. 21). Berlin: Springer.
- Lueck, A. H. (2004). *Functional Vision: A Practitioner's Guide to Evaluation and Intervention*. New York: AFB Press.
- Manduchi, R., & Kurniawan, S. (2012). Assistive Technology for Blindness and Low Vision. In W. H. Jacobson, *Orientation and Mobility* (pp. 30-56). London: CRC Press.
- Manduchi, R., & Kurniawan, S. (2013). *Assistive Technology For Blindness and low Vision*. New York: CRG Press.
- Massof, R. W. (2003). Auditory Assistive Devices for the Blind. *International Conference on Auditory Display* (pp. 271-275). Boston: Georgia Institute of Technology.
- McReynolds, L. V., & Thompson, C. K. (1986). Flexibility of Single-Subject Experimental Designs. Part I. *Journal of Speech and Hearing Disorders*, Vol. 51, 194-203.

- Merabet, L. B., & Sanchez, J. (2009). Audio-Based Navigation Using Virtual Environments: Combining Technology and Neuroscience. *AER Journal: Research and Practice in Visual Impairment and Blindness*, 2(3), 128-137.
- Moleong, J. L. (2007). *Metodelogi Penelitian Kualitatif*. Bandung: Rosda.
- Mujiman, H. (2011). *Manajemen Pelatihan Berbasis Belajar Mandiri*. Yogyakarta: Pustaka Pelajar.
- Nagy, H., & Wersényi. (2016). Comparative Evaluation of Sighted and Visually Impaired Subjects using a Mobile Application for Reducing Veering during Blindfolded Walking. *Acta Technica Jaurinensis*, 9(2), 140-157.
- Panëels, S. A., Varenne, D., Blum, J. R., & Cooperstock, J. R. (2013). The Walking Straight Mobile Application: Helping The Visually Impaired Avoid Veering. *international Conference on auditory Display*, 25-23.
- Republik, I. (2003). *Undang-Undang Sistem Pendidikan Nasional*. Jakarta: Sekretariat Negara.
- Rieser, J. J. (2008). *Blindness and Brain Plasticity in Navigation and Object Perception*. New York: Lawrence Erlbaum Associates/Taylor Francis Group.
- Rosenblum, L. P. (2000). Perceptions of the Impact of Visual Impairments on the Lives of Adolescents. *Journal of Visual Impairments and Blindness*, 94, 434-445.
- Rosenthal, B., & Williams, D. (2000). Devices Primarily for People with Low Vision. In M. L. B. Silverstone, *The Lighthouse Handbook On Vision Impairment and Vision Rehabilitation* (pp. 951-982). New York: Oxford University.
- Rusella-Minda, E., Jutai, J. W., Strong, J. G., Campbell, K. A., Gold, D., Pretty, L., & Willmot, L. (2007). The Legibility of Typefaces for Readers with Low Vision: A Research. *Journal of Visual Impairment and Blindness*, 101, 402-415.
- Sánchez, J., & Tadres, A. (2010). Audio and Haptic Based Virtual Environments for Orientation and Mobility in People Who are Blind. *In Proceedings of the 12th international ACM SIGACCESS conference on Computers and accessibility* (p. 237). Santiago: ACM.

- Sánchez, J., Campos, M. d., Espinoza, M., & Merabet, L. B. (2010). Audio Haptic Videogaming for Developing Wayfinding Skills in Learners Who are Blind. *In Proceedings of the 12th international ACM SIGACCESS conference on Computers and accessibility* (pp. 237-238). ACM.
- Santoso, B. (tt). *Skema dan Mekanisme Pelatihan: Panduan Penyelenggaraan Pelatihan*. Jakarta: Terangi.
- Sastradipoera, K. (2006). *Pengembangan dan Pelatihan: Suatu Pendekatan Menejemen Sumber Daya Manusia*. Bandung: Kappa-Sigma.
- Shaw, R., & Trief, E. (2009). *Everyday Activities to Promote Visual Efficiency: A handbook for Working with Young Children with Visual Impairments*. New York: AFB Press.
- Siagian, S. P. (2008). *Manajemen Sumber Daya Manusia*. Jakarta: Bumi Aksara.
- Sik-Lányi, C., & Lányi, Z. (2003). Multimedia Program for Training of Vision of Children with Visual Impairment and Amblyopia . *Journal of Information Technology Education*, 2, 279-290.
- Silalahi, U. (2010). *Metode Penelitian Sosial*. Jakarta: Refika Aditama.
- Soong, G. P., Lovie-Kitchin, J. E., & Brown, B. (2001). Does Mobility Performance of Visually Impaired Adults Improve Immediately After Orientation and Mobility Training? *Optometry & Vision Science*, 78(9), 657-666.
- Souman, J. L., Frissen, I., Sreenivasa, M. N., & Ernst, M. O. (2009). Walking straight into circles. *Current Biology*, 19(18), 1538-1542.
- Štorek, D., Rund, F., Baráth, T., & Viték, S. (2013). Virtual Auditory Space for Visually Impaired—Methods for Testing Virtual Sound Source Localization. *International Conference on Auditory Display*, 33-36.
- Strumillo, P. (2010). Electronic Interfaces Aiding the Visually Impaired in Environmental Access, Mobility and Navigation. *In Human System Interactions (HSI)*, 17-24.
- Sugiyono, S. (2010). *Metode Penelitian Pendidikan (Pendidikan Kuantitatif, Kualitatif, dan R&D)*. Bandung: Alfabeta.

- Sunanto, J. (2005). *Mengembangkan Potensi Anak Berkelainan Penglihatan*. Jakarta: DEPDIKBUD.
- Sunanto, J., Takeuchi, K., & Nakata, H. (2005). *Pengantar Penelitian Dengan Subjek Tunggal*. Jepang: Criced University of Tsukuba.
- Susilana, R., & Riyana, C. (2009). *Media Pembelajaran*. Bandung: CV Wacana Prima.
- Tarsidi, D. (2009). *Pendidikan Anak Tunanetra 1: Kompilasi Materi Perkuliahan*. Bandung: Tidak diterbitkan.
- Toussaint, K. A., & Tiger, J. H. (2010). Teaching Early Braille Literacy Skills Within a Stimulus Equivalence Paradigm to Children with Degenerative Visual Impairments. *Journal of applied behavior analysis*, 43(2), 181-194.
- Ungar, M. B., & Spencer, S. (1996). The Construction of Cognitive Maps by Children with Visual Impairments. . *In The Construction of Cognitive Maps (J Portugali, Ed.)*, 247-273.
- Wersényi, G., & Répás, J. (2012). The Influence of Acoustic Stimuli on “Walking Straight” Navigation by Blindfolded Human Subjects. *Acta Technica Jaurinensis*, 5(1), 3-18.
- Wetzel, R., & Knowlton, M. (2006). Studies of Braille Reading Rates and Implications for the Unified English Braille Code. *Journal of Visual Impairment and Blindness*, 100, 275–284. .
- Wiener, W. R., Welsh, R. L., & Blasch, B. B. (2010). *Foundation Of Orientation and Mobility, 3rd Edition*. New York: AFB Press.
- Zijlstra, G. R., Ballemans, J., & Kempen, G. I. (2013). Orientation and Mobility Training for Adults with Low Vision: a New Standardized Approach. *Clinical Rehabilitation*, 27(1), 3-18.